

Message

**From:** Brett McDaniel [mcdaniel.brett@azdeq.gov]  
**Sent:** 2/5/2019 9:48:12 PM  
**To:** Mike Heitmann [mike.heitmann@jacobs.com]  
**CC:** Loftin, Rachel [Loftin.Rachel@epa.gov]; Brian Stonebrink [stonebrink.brian@azdeq.gov]  
**Subject:** Fwd: FW: RID Replacement Well in WVBA Site  
**Attachments:** RID-114R Letter\_012919.pdf

Mike,  
Sorry I missed the call today.  
The letter concerning well RID-114 replacement is attached.  
Please contact me with any questions.  
Regards,

**Brett McDaniel, RG**

Hydrogeologist, Federal Projects Unit

Waste Programs Division  
Ph: 602-771-0200



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**Subject:** RID Replacement Well in WVBA Site

**Date:** Tue, 29 Jan 2019 15:18:21 -0700

**From:** Dennis H. Shirley <dennis.shirley@syn-env.com>

**Organization:** Synergy Environmental LLC

**To:** Laura L. Malone <Malone.Laura@azdeq.gov>

**CC:** cabrera.misael@azdeq.gov, Tina LePage <LePage.Tina@azdeq.gov>, Donovan L Neese <dneese@rooseveltirrigation.org>, David Kimball <DPK@gknet.com>

Dear Ms. Malone,

Attached please find a letter that summarizes RID's actions to install a replacement well at the RID-114 well site within the WVBA WQARF Site. RID needed to take action due to a collapse of the well casing in the existing well. After evaluating all options, RID is specifically constructing the RID-114 replacement well to enhance groundwater remediation by focusing groundwater extraction within the most contaminated interval of the Upper Alluvial Unit (UAU). Large magnitude groundwater extraction at the replacement well from this interval will significantly optimize mass removal within the core of the regional VOC plume, including expanding hydraulic capture of TCE contaminated groundwater entering the WVBA Site from the upgradient Motorola 52<sup>nd</sup> Street Superfund Site.

Please let me know if you have any questions or comments regarding the enhanced remedial action. Should you desire, we would be glad to offer you and/or your staff a site visit during the well drilling or testing operations. In fact, it is certainly worth mentioning that the new well will provide an exceptional opportunity to better characterize aquifer and contaminant hydrogeology in this region of the core TCE plume and we would be glad to discuss ways we might collaborate.

Best regards,  
Dennis

Dennis H. Shirley, PG  
SYNERGY Environmental LLC  
10645 N. Tatum Blvd., Ste 200-437  
Phoenix, AZ, 85028-3053  
602-319-2977

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